Philips
widescreen flat TV with
Pixel Plus 2 HD

42"
LCD HD Ready

42PF7621D

Turn up your viewing experience

with Pixel Plus 2HD

Experience the superior picture quality of this excellent Flat TV with the latest LCD technology. It's packed into a stunning design that will complement your interior.

Be an eyewitness

- High-definition LCD WXGA display, 1366 x 768p
- Integrated Digital Tuner for DVB-T reception
- HD ready for the highest quality display of HDTV signals
- Pixel Plus 2 HD improves details in standard TV and HDTV
- Digital Natural Motion produces smooth, judder-free images
- Active Control with Light Sensor optimizes picture quality

Superb sound reproduction

- Virtual Dolby Surround for a cinema-like audio experience

Slim, stylish design to complement your interior

- Matching stand with elegant design included

For advanced performance

- HDMI for full digital High Definition connection

FIFA WORLD CUP GERMANY 2006 OFFICIAL PRODUCT

PHILIPS

widescreen flat TV with Pixel Plus 2 HD
42" LCD HD Ready

42PF7621D/10

Technical specifications

Picture/Display
- Aspect ratio: 16:9
- Brightness: 550 cd/m²
- Diagonal screen size: 42 inch / 107 cm
- Display screen type: LCD WXGA Active Matrix TFT
- Picture enhancement: Progressive Scan, 3D Combfilter, Active Control + Light sensor, Digital Natural Motion, Jagged Line Suppression, Widescreen Plus, Pulse Killer Chip, Dynamic contrast enhancement, 3/2 - 2/2 motion pull down, Pixel Plus 2 HD
- Screen enhancement: Anti-Reflection coated screen
- Panel resolution: 1366 x 768p
- Response time (typical): 8 ms
- Dynamic screen contrast: 4000:1
- Viewing angle: 176° (H) / 176° (V)
- Contrast ratio (typical): 800:1

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz

- Video Formats

Resolution	Refresh rate
640 x 480i	1Fh
640 x 480p	2Fh
720 x 576i	1Fh
720 x 576p	2Fh
1280 x 720p	3Fh
1920 x 1080i	2Fh

Sound
- Sound Enhancement: Digital Signal Processing, Dynamic Bass Enhancement, Graphic Equaliser
- Sound System: Virtual Dolby Digital
- Output power (RMS): 2x15W

Loudspeakers
- Built-in speakers: 2

Convenience
- Ease of Installation: Auto Programme Naming, Automatic Channel Install(ACI), Automatic Tuning System (ATS), Autostore, PLL Digital Tuning, Plug & Play
- Ease of Use: On Screen Display, Auto Volume Leveller (AVL), Delta Volume per preset, Graphical User Interface, Side Control, Program List
- Remote control type: RC4310
- Teletext: 1200 page Hypertext
- Teletext enhancements: Habit Watch, Program information Line
- Picture in Picture: Text dual screen
- Remote Control: Amp, DVD, Sat, VCR, STB, Multi-functional
- Screen Format Adjustments: Auto Format, Subtitle and Heading Shift, Movie expand 14:9, Movie expand 16:9, 4:3, Super Zoom, Widescreen, 6 Widescreen Modes
- Clock: Smart Clock
- Child Protection: Child Lock+Parental Control
- Electronic Programming Guide: Now + Next EPG
- VESA Mount: Vesa compliant

Tuner/Reception/Transmission
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: PAL, DVB COFDM 2K/8K, SECAM
- Video Playback: NTSC, PAL, SECAM
- Aerial Input: 75 ohm coaxial (IEC75)
- DVB: DVB Terrestrial

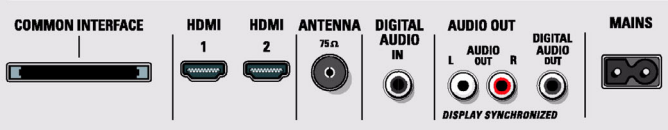
Connectivity
- Ext 1 Scart: Audio L/R, CVBS in/out, RGB
- Ext 2 Scart: Audio L/R, CVBS in/out, RGB
- Ext 4: HDMI
- Ext 5: HDMI
- Other connections: Analog audio Left/Right out, S/PDIF out (coaxial), S/PDIF in (coaxial), Common Interface, PC-In VGA
- Front / Side connections: Audio L/R in, CVBS in, Headphone out, S-Video in
- Ext 3: YPbPr

Power
- Power consumption: 246 W
- Standby power consumption: 0.82 W
- Mains power: AC 220 - 240 V +/- 10%
- Ambient temperature: +5 -/+ 40 C

Dimensions
- Product weight: 31.5 kg
- Weight incl. Packaging: 39 kg
- Color cabinet: High Gloss Black and Black
- Set dimensions (W x H x D): 1237 x 688 x 110 mm
- Set dimensions with stand (H x D): 734 x 280 mm
- VESA wall mount compatible: 800,400 mm

Accessories
- Optional accessories: Floor stand
- Included Accessories: Table top stand, RF cable, Power cord, Quick start guide, Registration card, Remote Control, User Manual, Warranty certificate

Rear connectors



Side connectors

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Product highlights

LCD WXGA display, 1366 x 768p
This WXGA display with state-of-the-art LCD screen technology gives you widescreen HD resolution of 1366 x 768p pixels. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

Integrated Digital DVB-T tuner
The integrated DVB-T tuner lets you receive Digital Terrestrial TV to watch or record. This means you do not need an additional set top box and also the additional cables.

HD Ready
Enjoy the exceptional picture quality of a true High Definition TV signal and be fully prepared for HD sources like HDTV broadcast, Blu-ray DVD or HDVD. HD ready is a protected label that offers picture quality beyond that of progressive scan. It conforms to strict standards laid out by EICTA to offer a HD screen that displays the benefits of resolution and picture quality of a High Definition TV signal. It has a universal connection for both analog YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 720p, and 1080i signals at 50 and 60Hz.

Digital Natural Motion
Philips invented Digital Natural Motion to eliminate juddering effects that are visible with moving picture content. Digital Natural Motion estimates motion in the picture and corrects juddering movements in both broadcast and recorded movie material (such as DVD). The resulting smooth motion reproduction and excellent sharpness take the viewing experience to a higher level.

Active Control + Light Sensor
Active Control is a unique and intelligent way of optimizing picture quality by measuring and analyzing the incoming signal to automatically adjust picture quality settings. Active Control with Light Sensor uses a sensor to adjust the picture brightness depending on the room light conditions.

Virtual Dolby Surround
Virtual Dolby Surround is a processing technology for enhancing surround sound effects. It which create the sensation of Dolby Pro Logic without the necessity of additional rear speakers. You become totally immersed in your television experience.

Bypacked tabletop stand
A table-top stand with matching design is packed with the set.

HDMI input
HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analog signal, it delivers an unblemished image. The non-degraded signal reduces flicker and leads to a clearer picture. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backward compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection.

* DVB-T, supported in selected countries only